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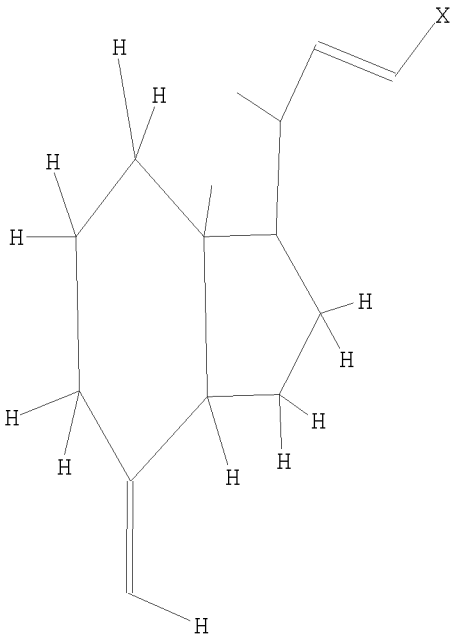

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FILE 'CAPLUS' ENTERED AT 18:57:08 ON 27 JUL 2010

FILE COVERS 1907 - 27 Jul 2010 VOL 153 ISS 5
FILE LAST UPDATED: 26 Jul 2010 (20100726/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	1994:245588 CAPLUS
DOCUMENT NUMBER:	120:245588
ORIGINAL REFERENCE NO.:	120:43561a,43564a
TITLE:	1α,24S-Dihydroxy-26,27-cyclo-22-yne vitamin D3: the side chain triple bond analog of MC 903 (calcipotriol)
AUTHOR(S):	Calverley, Martin J.; Bretting, Claus Aa.S.
CORPORATE SOURCE:	Chem. Res. Dep., Leo Pharm. Prod., Ballerup, DK-2750, Den.
SOURCE:	Bioorganic & Medicinal Chemistry Letters (1993), 3(9), 1841-4
	CODEN: BMCLE8; ISSN: 0960-894X
DOCUMENT TYPE:	Journal

LANGUAGE: English
OTHER SOURCE(S): CASREACT 120:245588
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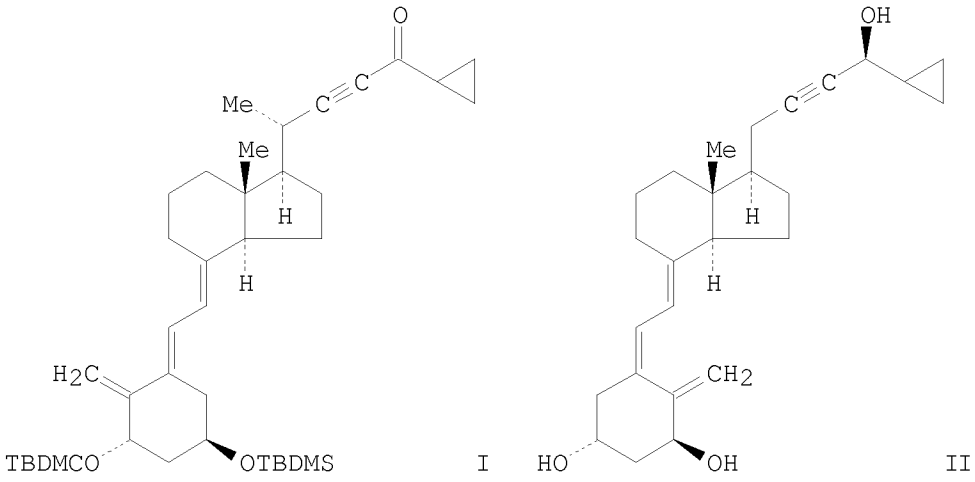


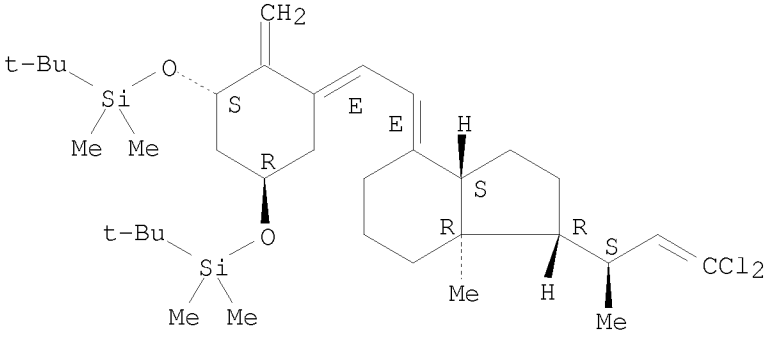
AB The side chain propargylic alc. function [established stereoselectively via S-Alpine-Borane reduction of ynone I (TBDMS = tert-butyldimethylsilyl) and correlated with MC 903] in the title compound II replaces the metabolically labile allylic alc. function of MC 903, a selective analog of the vitamin D hormone used for treating psoriasis. II exhibits reduced in vitro activity but still shows selectively much lower in vivo calcemic effects.

IT 154171-12-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and lithiation and cyclopropylcarbonylation of)

RN 154171-12-7 CAPLUS

CN Silane, [[(1α,3β,5E,7E)-23,23-dichloro-24-nor-9,10-secochola-5,7,10(19),22-tetraene-1,3-diyl]bis(oxy)]bis[(1,1-dimethylethyl)dimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1992:255875 CAPLUS
DOCUMENT NUMBER: 116:255875
ORIGINAL REFERENCE NO.: 116:43403a,43406a
TITLE: Preparation of vitamin D analogs as drugs
INVENTOR(S): Bretting, Claus Aage Svensgaard
PATENT ASSIGNEE(S): Leo Pharmaceutical Products Ltd. A/S, Den.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9203414	A1	19920305	WO 1991-DK200	19910711 <--
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MN, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
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CA 2078555	C	20021126		
AU 9184223	A	19920317	AU 1991-84223	19910711 <--
AU 636510	B2	19930429		
EP 543864	A1	19930602	EP 1991-914384	19910711 <--
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ES 2068601	T3	19950416	ES 1991-914384	19910711 <--
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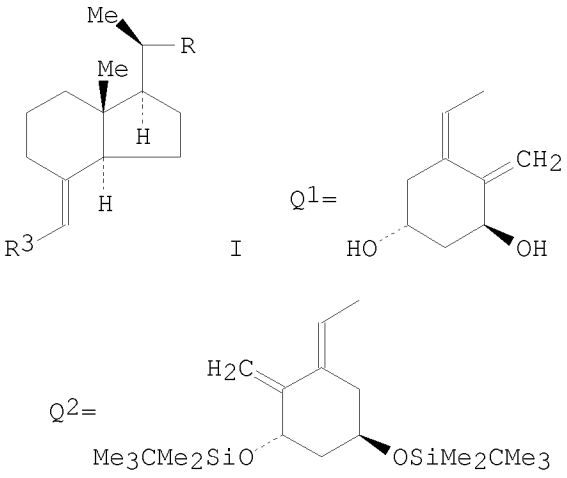
FI 103791	B1	19990930		
SK 281443	B6	20010312	SK 1992-3726	19921217 <--
LV 10089	B	19941020	LV 1993-243	19930215 <--
LT 3666	B	19960125	LT 1993-965	19930910 <--

PRIORITY APPLN. INFO.: GB 1990-17890 A 19900815
CS 1992-3726 A 19910711
WO 1991-DK200 A 19910711
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 116:255875
GI

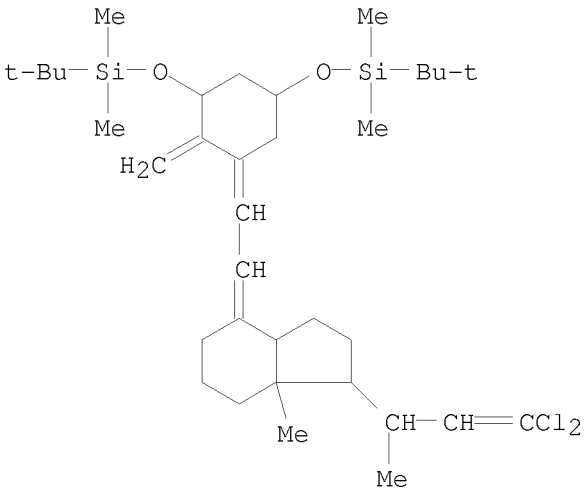


AB Title compds. [I; R = Z1C.tplbond.CZ2CR1R2X; R1, R2 = H, hydrocarbyl; or R1R2 = atoms to form a carbocyclic ring; R3 = cyclohexylidenemethylidyne group Q1; X = H, OH; Z1 = (substituted)(CH2)m; Z2 = bond, hydrocarbylenediyl; m = 0-2] were prepared as antiinflammatories, immunomodulators, etc. (no data). Thus, I (R = CHO, R3 = cyclohexylidenemethylidyne group Q2) was condensed with (Me2N)3P:CCL2 (prepared in situ) and the product treated, in turn, with BuLi and Br(CH2)3CEt2OSiMe3 to give I [R = C.tplbond.C(CH2)3CEt2OSiMe3, R3 = Q2] which was photoisomerized to give, after deprotection, I [R = C.tplbond.C(CH2)3CEt2OH, R3 = Q1].

IT 141545-84-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of antiinflammatory and immunomodulator)

RN 141545-84-8 CAPLUS

CN 1H-Indene, 4-[(2E)-2-[(3S,5R)-3,5-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-methylenecyclohexylidene]ethylidene]-1-[(1R)-3,3-dichloro-1-methyl-2-propen-1-yl]octahydro-7a-methyl-, (1R,3aS,4E,7aR)- (CA INDEX NAME)



OS.CITING REF COUNT:	9	THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT